

CLIMATOLOGICAL DATA FOR SEPTEMBER, 1912.

DISTRICT No. 2, SOUTH ATLANTIC AND EAST GULF STATES.

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GENERAL SUMMARY.

From a meteorological point of view September, 1912, presents several features of special interest, among them the rather unusual combination of great warmth with excessive precipitation, and the frequency of slight disturbances or incipient tropical storms in the Gulf of Mexico. One of these lingered for several days in the east Gulf and produced a phenomenal downpour of rain on the west coast of Florida, and another developed into a moderately severe storm that entered the coast line west of Mobile, Ala., and thence passed rapidly northward.

The month began with a period of 3 or 4 days of intense heat during which the highest temperatures of the summer occurred at a large number of places, and September records for high temperatures were broken at many stations. The temperature remained much above normal during almost the whole of the first two decades; a brief period of cooler weather occurred about the 20th, and a longer period with temperatures moderately below normal prevailed from about the 27th to 30th. No frosts were reported, although temperatures slightly below freezing occurred at one or two stations located in northwestern Virginia at high altitudes.

The rainfall from the 18th to 19th and 23d to 24th marked the termination of the summer drought in Virginia and North Carolina. In the southern portion of the district, excluding the Mississippi area, especially in Florida, southern Georgia, and southeastern Alabama, the rainfall was very heavy. The period of 6 days from the 7th to 12th was noteworthy for excessive rains on the west coast of Florida, Tampa receiving 13.71 inches, Pinellas Park 15.31, and Cedar Keys 23.15 inches. In fact, the precipitation during September, 1912, was copious throughout nearly the entire district, no less than 125 stations having received over 6 inches during the month, and 2 stations in Florida received over 25 inches. A considerable amount of damage to property was caused by these heavy rains.

An unusual number of slight barometric depressions were evident during the month in the central and eastern portions of the Gulf, occurring about the 6th to 8th, 11th to 14th, 21st to 23d, and 28th to 29th. The first disturbance moved slowly northward near the west coast of Florida to southern Georgia, with the lowest atmospheric pressure, 29.77 inches on the 8th, at Thomasville, Ga.; the second on the 13th developed sufficient energy to enter the country a few miles west of Mobile, whence it passed to the vicinity of Meridian, Miss., and thence to Louisville, Ky., on the 15th, giving the lowest atmospheric pressure for the district 29.61 inches at Meridian, Miss., on the 14th. The highest atmospheric pressure for the month occurred quite generally during the last days accompanying the first cool spell of autumn. The maximum was 30.38 inches at Richmond, Va.

TEMPERATURE.

The excess in temperature was general throughout the district. The greatest departures in a few cases exceed 5° or 6° at stations in central North Carolina and northern and western South Carolina, diminishing southward to less than 1° along the Gulf coast. The monthly mean for the entire district was 76.9° and the departure +2.5°. The State averages varied from 72° for the Virginia area to 80° for Florida. The monthly means at individual stations ranged between 75° and 80° in the Gulf States and between 65° and 75° in the northern portions of the district. The lowest monthly mean was 60° at Hot Springs, Va., and the highest 83° at Key West and Observation Island, Fla.

The intensity of the heat wave at the beginning of the month was almost unprecedented, but fortunately it was of comparatively short duration. The following brief extracts from the reports by section directors will perhaps on this occasion be of greater interest than a general summary:

Virginia: On the opening days of the month temperatures ranged from 90° to 100°, the hot wave continuing for several days. A general and decided change to cooler weather occurred about the 12th, and on the 28th to 30th temperatures below 45°, and in a few cases below freezing were registered.

North Carolina: The mean for the State, 74.9°, is the same as for September, 1900, and higher than any other mean except 75.1° in September, 1911. It was exceptionally hot the first 3 days, breaking records for high temperatures in September at 7 central stations with the highest temperatures for the year at many points.

South Carolina: September, in 1906 and 1911, were slightly warmer than the current month. An unusually high maximum temperature of 109° was registered on the 1st.

Georgia: With the single exception of September, 1911, this was the warmest September on record. At 2 northern, 10 central, and 13 southern stations maximum temperatures of 100° or above were reported during the first 4 days of the month, while Americus, Dublin, Eastman, Marshallville, and Waycross recorded 100° or above on 4 consecutive days. During this period the highest temperatures for the summer occurred at 51 stations. New records for high temperatures were made at 17 stations and the previous highest record equalled at 8 others, the most notable instances being Augusta and Savannah, stations having long records.

Florida: The month began with temperatures 4° to 9° above normal in northern and central portions, but the hot wave did not reach southern counties in any pronounced degree.

The highest temperatures for the month exceed 100° in every State in the district, with the maximum 109° at Saluda, S. C., on the 1st. On the 20th and during the closing days of the month the lowest temperatures generally ranged from 42° to 48°, not falling below 60°, however, in Florida, and reaching freezing in Virginia with the minimum for the district 26° on the 30th at Hot Springs.

PRECIPITATION.

As a rule over most of the district, except Florida, the rainfall during September diminishes rapidly from the summer maximum, but in Florida the month is the wettest of the year. During the current month the rain-

fall was both much more frequent and heavier than usual except in the Mississippi area. The largest amounts were received in western Florida, centering about 2 stations, Cedar Keys and Pinellas Park, just north and south of Tampa, Fla., both places having a total of over 25 inches. Amounts exceeding 10 inches also occurred in southeastern portions of South Carolina, Georgia, and Alabama. The smallest amounts occurred in the extreme western portion of the Mississippi area, where they were under 1 inch. The State average was below normal for Mississippi, while in other portions of the district the excesses ranged from 1.10 inches for North Carolina to 2.88 inches for Florida. The average rainfall for the entire district was 5.61 inches and the departure +1.47. The greatest amount was 28.14 inches at Cedar Keys, Fla., and the least 0.48 inch at Brookhaven, Miss. However, the rainfall over the greater portion of the district was fairly well distributed, for excepting four places in Mississippi in close proximity no other stations received less than 2 inches.

In the northern portion of the district only scattering showers were received until the 18th-19th or 22d-23d when the rainfall was general, breaking the long summer drought in North Carolina and Virginia. As typical of conditions in that section the following statement, referring particularly to Richmond, Va., is pertinent:

The drought at Richmond set in on May 17 and lasted 124 days. Considering only months wholly included in the period, i. e., June, July, and August, the summer of 1912 is found to be the driest during the past 40 years, or the entire period of the record. During the summer just closed the total rainfall was 5.24 inches, or 7.11 inches less than the normal and 2 inches less than was received during the summer of 1883, which has heretofore held the record for dry summers.

The following table, giving all the monthly rainfalls of over 25 inches on record in district No. 2, is of interest in this connection:

Station.	Amount.	Date.	Station.	Amount.	Date.
	<i>Inches.</i>			<i>Inches.</i>	
Bradentown, Fla....	25.62	June, 1912	Miami, Fla.....	27.88	Oct. 1898
Cedar Keys, Fla....	25.57	July, 1909	Do.....	25.10	Sept., 1878
Do.....	28.14	Sept., 1912	Pinoplis, S. C.....	28.80	Aug., 1891
Fleming, Ga.....	28.60	Aug., 1898	Pinellas Park, Fla.....	26.83	June, 1912
Fort Pierce, Fla....	29.35	June, 1853	Do.....	26.00	Sept., 1912
Fort Myers, Fla....	25.58	do.....	Rockwell, Fla.....	28.00	July, 1909
Hypoluxo, Fla....	25.18	June, 1912	Rock House, N. C.....	26.43	Aug., 1901
Mobile, Ala.....	26.67	June, 1900	St. Andrew, Fla....	31.28	Aug., 1898

In the southern portions of the district excepting the first few days of the month the rainfall was remarkably frequent, the heaviest and most general rains occurring about the 7th to 12th in Florida, 13th to 14th in Mississippi and Alabama, and from the 22d or 23d to the 24th in the States from Georgia northward. Reference has already been made to the remarkable downpour on the west coast of Florida from the 7th to the 12th. The successive amounts at Cedar Keys were as follows: 7th, 0.87 inch; 8th, 1.95; 9th, 8.95; 10th, 2.33; 11th, 3.20; and 12th, 5.85, giving a total of 23.15 inches in 6 days. The rainfall at Tampa was also extremely large, the total for the month being 18.93 inches, the greater ever recorded for September. The total at Tampa from 7 p. m., Saturday, September 7, to 7 p. m., Tuesday, Septemebr 10, was 13.19 inches. Considerable damage resulted therefrom in Tampa and vicinity which may be summarized as follows:

Hundreds of houses in Tampa were surrounded by water and more or less damaged. Many acres of flat lands were entirely submerged. Streets were washed out in many places, street car services, suburban and city, badly interrupted, and telegraph and telephone companies suffered considerable loss.

Heavy rains, exceeding 4 inches in 24 hours, occurred at some point or other in all States in the district except Mississippi. The maximum amount was 9 inches on the 14th at Newbern, Hale County, Ala., closely followed by 8.95 inches at Cedar Keys on the 9th.

MISCELLANEOUS PHENOMENA.

The prevailing winds for the month were from the east in South Carolina, Georgia, and Florida and from the northeast in all other sections. The average hourly velocity exceeded 10 miles only at Cape Henry, Va., Hatteras, N. C., and Pensacola, Fla. The highest wind velocities occurred in connection with the tropical storm described elsewhere, Pensacola reporting 59 miles from the southeast on the 13th and 74 miles from the east on the 14th, and Mobile 52 miles from the southeast on the 14th.

The average number of clear days for the district was 12, ranging from 9 in Florida to 16 in Mississippi and Virginia, of partly cloudy days 8, cloudy days 10, and days with appreciable rainfall 11.

A number of exceptionally brilliant meteors were seen during the month and the following account of one seen at Ridgeway, S. C., on September 7, 1912, was prepared by Mr. G. P. Edmunds, the facts being verified by other observers:

Time of appearance: 8.45 p. m.

Place first seen: A little south of the zenith.

Color: A dazzling bluish white.

Brilliance: Brighter than the full moon.

Direction of course: Northwesterly.

Length of trail: Nearly 45°.

Remarks: After pursuing a path of nearly 45° and being about the same distance above the northwestern horizon the meteor suddenly exploded, breaking into three distinct fragments, and about two minutes afterwards a report resembling a cannon shot was heard. So brilliant was the light of the meteor that persons could be discerned at nearly the distance possible in broad daylight. While the sky was partly cloudy in the south and east yet in the direct path of the meteor it was absolutely clear. The meteor seemed furthermore to have an appreciable disk, possibly $\frac{1}{6}$ °. Reports on this phenomenon were made by observers in Richland, Newberry, and Fairfield where it was plainly visible. It is the opinion of the observer that at least one of the fragments reached the earth.

An unusually large and brilliant meteor was observed at Raleigh, N. C., at 10.35 p. m., on September 11. When first seen it looked like a ball from a Roman candle, having a red center surrounded by a bluish light fringed with green. It grew rapidly larger until within apparently 5° of the horizon when it seemed to scatter and go out. At this point it appeared to be at least as large as the full moon, and it illuminated objects quite distinctly. No sound of an explosion was heard.

DAMAGE BY STORMS.

Although the number of local thunderstorms during the month was not large, a few were destructive in Georgia and Florida. On the night of September 4, at 7 p. m., lightning struck the barn at the Georgia Experiment Station, near Griffin, Ga., starting a fire that destroyed all the buildings, except the residences; several head of cattle perished in the flames.

A tornado passed over Garcon Point, in Pensacola Bay, at 2 p. m., on September 5, with a roaring noise, doing great damage to the forests in the vicinity.

RIVER CONDITIONS.

The condition of the rivers during September present no features of special importance, as the heaviest rains generally occurred over the lower portions of the basins

and had comparatively little effect on the stages. A very moderate freshet occurred in the James River on the 24th to 26th. The rivers of North Carolina remained low during the month, but the Roanoke at Weldon rose rapidly from 11.2 feet on the 24th to 26.8 feet on the 26th, for which an advisory warning was sent. Moderate rises occurred in the Lynch and Pedee Rivers, in South Carolina, toward the close of the month, and the Santee was slightly above flood stages at Ferguson and Rimini on the 30th without any damage. The lowest stages generally occurred early in the month in the rivers of Georgia, Alabama, and Mississippi, and the highest during the last decade, flood stages not being approached at any station.

THE TROPICAL STORM OF SEPTEMBER 13-14, 1912.

(By ALBERT ASHENBERGER, Local Forecaster, Mobile, Ala.)

The storm that passed inland from the Gulf on the night of September 13-14, with its center probably not over 20 miles west of Mobile, was much less destructive than several other storms recorded in the meteorological history of Mobile. The short duration of the high winds, the comparatively low accompanying tides, and the absence of heavy rainfall for an extended period tended to lessen its disastrous effects.

No premonitory signs of the approaching disturbance were observed, except a somewhat red sky near the western horizon at sunset, and an unusually rapid movement of the lower clouds at about 9 p. m. The tides in Mobile River had been abnormally low, but during the east and southeast winds rose rapidly, and reached the level of the top of the lowest wharves at about 4.30 a. m.

The hourly wind velocity on September 13 ranged from 11 to 16 miles, and the wind veered from north to northeast. An increase in wind velocity was not perceptible till after 1.30 a. m. of September 14. A maximum rate of 32 miles an hour was attained at 2.50 a. m., and the highest velocity, 52 miles an hour, at 3.50 a. m. No high winds occurred after 6 a. m. On September 14 east winds prevailed from 1.30 a. m. to 3.15 a. m., and were followed by southeast winds changing to south at 4.45 a. m. At Pascagoula, Miss., about 35 miles southwest of Mobile, the wind backed from northeast to southwest, and the highest wind was from the northwest. The wind did not reach dangerous velocities at Gulfport, Miss., or other storm warning stations farther west.

A total rainfall of 1.30 inches fell during the storm. Traces of rain occurred near midday and rain began again at 8.30 p. m., on the 13th. Heavy rain fell for about a half hour preceding the increase in the wind velocity.

The barometer read 29.71 inches at 8 a. m., and 29.65 inches at 8 p. m., on September 13, and a slight rise in pressure occurred about 11 p. m. A rapid fall began after midnight; the lowest atmospheric pressure, 29.37 inches, occurred at 3.30 a. m., the pressure remaining almost stationary for half an hour, and then rising steadily until 29.65 inches was reached at 8 a. m. on the 14th.

The loss of property in the city of Mobile from the high winds is estimated at \$8,000. A church, a very weak

structure, on the corner of Delaware and Cedar Streets, was blown down, as were also some business signs and many fences. The wire systems also sustained considerable damage. The loss to vessels in the bay and river is estimated at \$4,000. The larger vessels had been made fast with extra cables, and many of the smaller vessels had ascended the river to places of safety. The principal loss to shipping interests was a barge, valued at \$2,000, which was lost in Mobile Bay, and the steamboat *National*, which sank in shallow water about 3 miles up the river. During the storm a watchman on a barge fell overboard and was drowned.

Storm warnings had been displayed from 2 p. m. of September 12, and wide publicity had been given to the information. The Mobile Daily Item, of September 14, in its account of the storm stated:

Ample warning by the United States Weather Bureau undoubtedly prevented greater loss, as every city, town, and settlement on the coast had been advised of its coming and were prepared for it.

On September 15, the Mobile Register published a special telegram from Pascagoula, Miss., reporting the storm at that place, and which referred to the warnings as follows:

Because of the ample warnings given by the Government shipping was fully able to protect itself.

At Pensacola, Fla., the storm was more severe, and the damage to property considerably greater. High winds from the northeast set in at 9.45 a. m. on the 13th, shifting to east at 3 p. m., and to southeast at 8.14 p. m., attaining a maximum velocity of 59 miles an hour at 9.21 p. m. Immediately after midnight the wind increased in velocity, reaching 74 miles from the southeast at 2 a. m. on the 14th, when the anemometer was carried away. The wind remained high until about 5 p. m. The lowest atmospheric pressure was 29.65 inches on the 13th.

The damage at Pensacola is summarized by Mr. Reed, local forecaster at that station, as follows: The entire beach was strewn with timber and about 20 barges, fishing smacks, etc., went ashore. Private wharves along the bay shore from Fort Barancas to Baylen Street were generally carried away, together with numerous small houses on the wharves used either as bath houses or for fishermen's equipments. The wharves of many of the fishing companies were also damaged considerably. There were several coal barges, steamers, and tugs moored along the east side of Palafox Wharf where two coal barges went adrift; one of them damaged the steamer *Edna C* and the steam yacht *Page*, and rammed and sank the revenue cutter *Penrose*. The British steamer *Coniston* went ashore about 75 miles east of Pensacola. A portion of the track of the Pensacola Electric Co., was undermined south of Bayou Grande, and on Main Street. The damage by winds in the city was slight. The tide during the night of the 13th-14th rose about 2 feet above normal high water, and the waves ran about 4 feet high. Total estimated damage at Pensacola and vicinity, \$25,000.

TABLE 1.—Climatological data for September, 1912. District No. 2, South Atlantic and east Gulf States.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.			Prevailing wind direction.	Observers.			
				Mean.			Departure from the normal.			Highest.			Lowest.			Greatest daily range.			Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmodified.	Number of rainy days 0.01 inch or more.
				Date.	Mean.	Departure from the normal.	Date.	Mean.	Departure from the normal.	Date.	Mean.	Departure from the normal.	Date.	Mean.	Departure from the normal.	Total.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.				
<i>Virginia.</i>																							
Arvonia.	Buckingham.	380	8	71.4	+ 2.4	97	1	45	28+	35	5.66	+ 2.16	2.20	0	10	10	14	6	sw.	Rev. Plummer F. Jones.			
Ashland.	Hanover.	221	21	72.2	+ 3.2	94	6	45	30	36	4.04	+ 0.65	2.03	0	6	23	0	7	s.	E. L. C. Scott.			
Buchanan.	Botetourt.	820	8								6.89	+ 3.12	2.18	0	9					d.	D. D. Booze.		
Callaway.	Brunswick.	250	18	74.6	+ 4.7	100	1	45	30	37	3.72	+ 0.38	1.45	0	6	17	8	5	e.	F. M. Gage.			
Cape Henry.	Princess Anne.	20	38	73.5	+ 1.7	88	6	47	30	22	2.80	- 1.28	1.81	0	7	16	4	10	ne.	U. S. Weather Bureau.			
Catawba.	Roanoke.	1,700	1	65.0		92	3	33	30	47	6.70		3.20	0	3	16	7	7	w.	State Board of Health Sanitarium.			
Charlottesville.	Albermarle.	800	23	71.4		97	1	43	30	37	9.63	+ 5.30	3.45	0	7	12	11	7	se.	Leander McCormick Obs'y.			
Clarksville.	Mecklenburg.	256	18								3.86	+ 0.99	1.42	0	10	13	7	10	ne.	J. A. Ligon.			
Columbia.	Fluvanna.	246	14	72.7	+ 4.0	94	1†	44	30	29	5.40	+ 2.18	3.11	0	11					c.	Chesapeake & Ohio Ry.		
Danville.	Pittsylvania.	413	12								6.85	+ 3.68	1.76	0	8	16	6	8		C. G. Watkins.			
Diamond Springs.	Princess Anne.	25	2	74.8		94	6†	53	21†	32			2.16	0	5					dr.	Virginia Truck Exp. Sta.		
Dry Bridge.	Chesterfield.	323	1										1.57	0	5				e.	Dr. E. W. Magruder.			
Hampton.	Elizabeth City.	5	29	75.0	+ 3.4	92	2	34	30	20	2.52	- 0.44	1.25	0	10	13	9	8		Normal and Agr. Inst.			
Hot Springs.	Bath.	2,195	20	59.7	- 2.9	86	3	26	30	43	3.66	+ 0.02	2.21	0	7	21	8	1		F. M. Terry.			
Ivor.	Southampton.	87	3	73.6		98	1	43	30	34	4.74		3.20	0	5					n.	N. & W. Ry. Exp. Farm.		
Lassiter.	Goochland.	100	2								6.04		2.30	0	6	20	3	7		T. J. Davis.			
Lexington.	Rockbridge.	1,060	35	70.0	+ 3.5	96	2†	44	23†	41	4.09	+ 0.29	2.31	0	9	19	4	7		Virginia Military Institute.			
Lynchburg.	Campbell.	685	41	72.1	+ 3.7	98	3	47	30	33	6.98	+ 3.35	4.10	0	11	10	13	7	ne.	U. S. Weather Bureau.			
Newport News.	Warwick.	55	9	75.0		93	15	48	30	26	3.01		1.94	0	9	15	8	7	se.	C. W. Ashby.			
Norfolk.	Norfolk.	91	42	74.2	+ 2.5	91	6	50	30	20	2.61	- 1.45	1.76	0	9	13	8	9	s.	U. S. Weather Bureau.			
Randolph.	Charlotte.	334	8								5.17	+ 2.37	2.45	0	7				w.	W. J. Abbott.			
Richmond.	Henrico.	144	33	73.0	+ 2.2	96	1	45	30	32	4.20	+ 0.77	1.77	0	9	10	8	12	ne.	U. S. Weather Bureau.			
Roanoke.	Roanoke.	907	2	70.8		98	1	46	30	33	4.91		2.32	0	10	18	2	10	e.	Reese F. Bell.			
Rocky Mount.	Franklin.	1,150	18	71.4	+ 1.2	98	2	45	20†	39	5.94	+ 2.50	3.20	0	9	19	1	10	ne.	G. W. B. Hale.			
Ruckersville.	Greene.	625	1	71.1		97	1†	40	30	34	9.55		3.10	0	12				dr.	Dr. Jesse Ewell.			
Spottsville (near).	Surry.	15	24	74.6	+ 6.0	96	2	50	30	36	4.58	+ 1.30	3.32	0	6	13	7	10	se.	B. W. Jones.			
Williamsburg.	James City.	70	21	73.8	+ 5.1	98	1	50	30	33	2.18	+ 0.78	0.85	0	6	17	4	9	s.	Eastern State Hospital.			
<i>North Carolina.</i>																							
Albermarle.	Stanly.	700	11	76.3		99	1†	53	20	32	4.17		1.38	0	11	19	4	7	ne.	M. J. Harris.			
Beaufort.	Carteret.	10	11	78.9	+ 3.0	95	2	62	30	21	5.67	+ 1.80	1.99	0	15	13	7	10	e.	Lewis Radcliffe.			
Belhaven.	Beaufort.	4	3	77.8		101	1	56	29	27	6.34		4.00	0	6	20	7	3	s.	A. L. Bell.			
Brewers.	Wilkes.	1,950	15	72.0	+ 2.8	98	3	45	20	38	9.37	+ 4.80	2.63	0	17	7	18	5	w.	W. L. Brewer.			
Carooleen.	Rutherford.	806	12	75.4	+ 3.4	98	1†	49	20	33	3.91	- 0.11	1.84	0	10	13	13	4	sw.	S. B. Tanner.			
Chalybeate Springs.	Harnett.	500	6	75.9		101	2	54	30	37	3.59		1.05	0	11	16	8	6	ne.	J. A. Smith.			
Chapel Hill.	Orange.	500	54	75.0	+ 3.5	96	7†	52	30	31	3.17	- 0.43	1.13	0	8				dr.	Prof. A. H. Patterson.			
Charlotte.	Mecklenburg.	773	36	75.0	+ 4.3	96	2	55	30	25	3.50	+ 0.28	1.78	0	10	5	10	15	ne.	U. S. Weather Bureau.			
Chimney Rock.	Rutherford.	1,150	2	73.2		97	1†	50	21	32	7.96		2.64	0	11	14	12	4	w.	J. M. Flack.			
Durham (near).	Durham.	406	3								2.96		1.12	0	7					J. C. Michie.			
Eagleton.	Northampton.	66	7	74.4		98	1	50	30	28	4.40		2.15	0	9	16	9	5	sw.	J. T. Elliott.			
Edenton.	Chowan.	30	18	75.6	+ 3.5	98	1	53	30	29	5.55	+ 0.50	1.00	0	4	15	13	2	ne.	E. R. Conger.			
Elizabeth City.	Pasquotank.	8	—	75.6		98	1	55	30	31	4.45		2.00	0	4					W. J. Simmons.			
Elizabethtown.	Bladen.	60	1								2.92		0.96	0	7					J. W. Hall, Jr.			
Endfield (near).	Halifax.	99	1								5.87		1.78	0	9					T. S. Imboden.			
Fayetteville.	Cumberland.	170	25	77.4	+ 5.4	100	1†	58	30	26	4.54	+ 0.24	3.86	0	7	12	6	12	ne.	Frank Glover.			
Globe (near).	Caldwell.	1,800	70	74.0		92	2	45	20	33	7.63		3.37	0	9	15	9	6	s.	Julius L. Gragg.			
Goldsboro.	Wayne.	102	42	73.8	+ 1.0	93	2	55	30	22	4.31	- 0.27	2.05	0	11				w.	Mrs. N. B. Taylor.			
Gorge (near).	Caldwell.	1,358	69.6			93	1†	42	20	36	7.45		3.84	0	10	0	21	9	sw.	A. J. Bagley.			
Graham.	Alamance.	656	10								2.95	- 0.81	1.18	0	10					Dr. W. R. Goley.			
Greensboro.	Guilford.	842	31	73.4	+ 2.4	96	2†	53	30	28	6.95	+ 3.98	3.91	0	13					A. H. Horry.			
Greenville.	Pitt.	75	19								4.08	- 0.89	2.10	0	11					R. M. Hearne.			
Hatters.	Dare.	11	38	77.4	+ 2.7	91	2	61	30	16	2.74	- 2.59	1.84	0	9	7	16	7	ne.	U. S. Weather Bureau.			
Henderson.	Vance.	508	19	74.4	+ 2.3	98	1†	55	28	45	4.05	+ 0.52	1.20	0	9	12	14	4	ne.	Enoch Powell.			
Kings Mountain.	Cleveland.	952	—	75.6		98	1	54	20	25	3.09		1.60	0	11	15	8	7	ne.	G. T. King.			
Kinston.	Lenoir.	46	14	76.9	+ 3.7	99	1	53	30	26	6.60	+ 1.54	3.43	0	6	8	10	12	se.	H. C. V. Peebles.			
Lincolnton.	Lincoln.	994	7	73.3 ^b		97	1†	47	20	39	4.05		3.00	0	6					S. P. Houser.			
Louisburg.	Franklin.	375	21	75.6	+ 4.4	101	1	52	30	30	2.92	- 0.38	1.41	0	7	14	7	9	sw.	T. B. Wilder.			
Lumberton.	Robeson.	102	29	77.6	+ 4.7	101	1	59	28†	29	5.99	+ 1.71	2.32	0	16					U. S. Weather Bureau.			
Manteo.	Dare.	12	7	74.9		93	7	56	30	21	5.97		4.34	0	6	16	6	8	sw.	Sergt. Thomas McGuire.			
Marion.	McDowell.	1,425	20	71.5	+ 2.3	94	3	48	20	32	6.56	+ 1.68	2.14	0	16	12	12	6	w.	J. S. Mann.			
Middleton.	Hyde.	4	1	75.4 ^a		93	1	55	21	25	4.37		2.30	0	11					B. J. Utley.			
Moncure.	Chatham.	145	18	75.3	+ 3.4	101	2	53	30	36	3.07	- 0.92	1.35	0	9	11	11	8	sw.	T. A. Aschcraft.			
Monroe.	Union.	536	18	76.4	+ 5.7	101	2	51	20	35	6.02	+ 2.09	1.60	0	9	8	10	12	ne.	J. B. P. Massey.			
Morganton.	Burke.	1,135	25	72.6	+ 3.1	95	1	45	20	33	5.80	+ 1.65	2.30	0	14	17	6	7	ne.	Prof. A. H. Merritt.			
Mount Airy.	Surry.	1,048	24	72.4	+ 4.2	97	3	45	20	36	6.08	+ 2.91	3.30	0	10	16	10	4	ne.	J. W. Holland.			
Mount Holly.	Gaston.	616	15								5.45	+ 1.55	1.55	0	7					J. B. Boddie.			
Nashville.	Nash.	190	8	75.2		102	1†	52	30	29	3.71		1.49	0	9</								

TABLE 1.—Climatological data for September, 1912. District No. 2—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Sky.	Prevailing wind direction.	Observers.					
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of partly cloudy days.	Number of cloudy days.			
South Carolina.																			
Aiken.	Aiken.	565	27	78.0	+ 3.4	100	2†	61	20†	27	6.29	+ 2.30	1.20	0	8	12	10	8	s.
Allendale.	Barnwell.	186	23	79.2	+ 3.3	102	2†	61	20	27	4.35	+ 0.70	1.12	0	9	9	0	21	.....
Anderson.	Anderson.	764	10	77.3	+ 4.4	102	2	51	20	32	3.64	+ 0.02	1.23	0	11	12	1	17	e.
Batesburg.	Lexington.	656	23	77.1	+ 3.3	96	2†	59	20†	31	5.33	+ 1.67	2.15	0	10	11	3	16	w.
Beaufort.	Beaufort.	20	25	77.9 ^d	+ 0.6	98	1	64	24	10.31	+ 5.36	2.51	0	16	7	6	17	ne.	
Blackville.	Barnwell.	296	22	78.8	+ 3.3	103	3	58	20	31	8.70	+ 4.66	2.10	0	19	11	2	17	ne.
Blairs.	Fairfield.	293	6	.....	.....	.....	.....	.....	.....	3.96	.....	1.41	0	8	12	4	14	s.	
Bowman.	Orangeburg.	160	10	77.0	+ 2.0	101	1	58	21	29	5.88	+ 2.83	1.26	0	15	8	12	10	e.
Broxton.	Hampton.	1	.....	.....	.....	.....	.....	.....	.....	7.46	.....	2.05	0	8	13	6	11	.....
Calhoun Falls.	Abbeville.	508	18	.....	.....	.....	.....	.....	.....	6.91	+ 2.84	2.27	0	8	6	13	11	ne.	
Camden.	Kershaw.	222	45	79.6	.....	103	2†	56	20	32	8.26	+ 4.46	6.23	0	7	8	7	15	ne.
Catawba.	York.	562	6	.....	.....	.....	.....	.....	.....	3.71	.....	1.20	0	9	10	3	17	e.	
Charleston.	Charleston.	48	41	79.2	+ 3.0	100	1	64	30	21	10.42	+ 4.96	4.27	0	14	6	7	17	e.
Cheraw.	Chesterfield.	144	23	77.2	+ 4.0	100	1	59	20	29	5.06	+ 1.49	3.02	0	13	8	5	17	ne.
Clemson College.	Oconee.	850	20	79.0	+ 6.6	93	2	52	20	33	6.20	+ 2.42	2.60	0	10	13	7	10	e.
Columbia.	Richland.	351	25	77.7	+ 4.0	99	1	58	30	26	5.98	+ 2.55	3.77	0	14	8	12	10	e.
Conway.	Horry.	25	19	79.0 ^b	+ 4.5	101	2†	61	30	30	6.11	+ 1.86	1.65	0	12	8	1	21	s.
Dillon.	Dillon.	100	7	78.4	+ 3.8	102	2†	60	30	30	4.14	+ 0.53	1.93	0	13	.....	.....	.....	.....
Edisto.	Bamberg.	127	24	.....	.....	.....	.....	.....	.....	6.26	.....	1.51	0	12	11	7	12	se.	
Effingham.	Florence.	106	19	.....	.....	.....	.....	.....	.....	3.48	+ 0.09	0.95	0	6	14	0	16	ne.	
Ferguson.	Berkeley.	51	3	79.8 ^a	+ 6.3	102	1	60	23	30	7.68	+ 3.97	2.18	0	11	13	1	16	ne.
Florence.	Florence.	136	23	77.3	+ 2.5	101	1	59	28	27	4.57	+ 0.33	2.80	0	12	6	8	16	ne.
Georgetown.	Georgetown.	12	18	79.0	+ 3.4	98	1†	59	29	24	5.83	+ 2.15	2.50	0	9	6	24	0	e.
Greenville.	Greenville.	989	19	74.3	+ 4.0	100	1	47	20	38	4.30	+ 0.33	2.66	0	10	15	5	10	w.
Greenwood.	Greenwood.	671	23	76.5	+ 3.3	100	2†	60	30	29	8.73	+ 4.96	3.24	0	6	11	0	19	se.
Heath Springs.	Lancaster.	568	10	75.6	.....	102	2†	55	20	28	3.67	.....	1.50	0	8	2	18	10	e.
Kingstree.	Williamsburg.	54	23	78.0	+ 3.0	100	2†	60	28†	29	4.01	+ 0.27	1.40	0	11	9	7	14	se.
Liberty.	Pickens.	900	17	76.1	+ 3.4	99	1	56	21	31	5.88	+ 1.22	4.28	0	10	14	10	6	e.
Little Mountain.	Newberry.	711	18	79.0	+ 3.9	102	1†	55	30	27	3.94	+ 0.04	1.65	0	7	21	2	7	se.
Meriwether.	Edgefield.	2	76.6 ^c	.....	.....	.....	.....	.....	.....	2.52	.....	1.52	0	11	.....	.....	.....	.....
Monetta.	Aiken.	77.2	2	.....	.....	.....	.....	.....	.....	2.56	.....	1.77	0	15	10	11	9	e.	
Newberry.	Newberry.	502	7	77.3	+ 3.4	102	2†	53	20	33	5.56	+ 1.46	1.65	0	15	2	16	12	e.
Peizer.	Anderson.	873	6	.....	.....	.....	.....	.....	.....	3.52	.....	1.80	0	7	11	2	17	e.	
Pinopolis.	Berkeley.	55	18	.....	.....	.....	.....	.....	.....	7.27	+ 2.79	1.19	0	12	6	10	14	ne.	
St. George.	Dorchester.	109	23	77.8	+ 2.8	100	3	61	28	27	7.35	+ 3.27	1.95	0	13	18	0	12	.....
St. Matthews.	Calhoun.	209	23	77.8	+ 3.3	100	2†	61	29	24	4.73	+ 1.24	0.93	0	15	9	0	21	w.
Saluda.	Saluda.	530	9	78.9	.....	109	1	52	20	39	5.12	.....	1.25	0	9	8	13	9	e.
Santuc.	.....	572	16	78.1	+ 5.3	108	1	53	20	37	6.66	+ 3.29	3.44	0	12	5	15	10	e.
Smiths Mills.	Williamsburg.	62	16	.....	.....	.....	.....	.....	.....	5.32	+ 1.08	2.41	0	13	10	1	19	w.	
Society Hill.	Darlington.	75	14	75.4	+ 2.3	95	1	48	30	31	8.13	+ 3.94	5.63	0	10	8	14	8	ne.
Spartanburg.	Spartanburg.	875	20	75.5	+ 3.2	101	3	51	20	34	2.94	+ 0.93	1.67	0	8	11	0	19	.....
Summerville.	Dorchester.	75	14	77.8	+ 3.0	99	2†	63	25	26	11.90	+ 8.12	4.04	0	19	3	20	7	e.
Trenton.	Edgefield.	620	18	79.0	+ 3.8	104	1	59	30	29	3.99	+ 0.80	1.48	0	10	8	15	7	e.
Walterboro.	Colleton.	69	7	79.8 ^c	.....	105	2†	64	29	32	8.89	.....	3.35	0	20	12	9	9	.....
Winnisboro.	Fairfield.	545	21	75.9	+ 3.3	99	1	58	30	26	6.10	+ 2.64	1.60	0	6	13	12	5	se.
Winthrop College.	York.	690	12	77.8	+ 5.1	100	2	56	20	29	3.50	+ 0.50	1.40	0	6	3	24	3	sw.
Yemassee.	Hampton.	23	16	77.7	+ 2.2	101	3	64	28†	28	6.96	+ 2.88	1.67	0	21	11	1	18	e.
Georgia.																			
Abbeville.	Wilcox.	180	9	.....	.....	.....	.....	.....	.....	7.22	.....	2.01	0	14	9	4	17	e.	
Adairsville.	Bartow.	772	20	75.8	+ 3.3	95	4†	52	20	28	5.80	+ 2.55	1.70	0	6	13	3	14	.....
Albany.	Dougherty.	232	25	80.4	+ 2.6	100	4	63	23	28	5.24	+ 2.13	1.55	0	13	16	3	9	sw.
Allapaha.	Berrien.	293	23	78.6	+ 1.8	98	3†	66	30	28	6.96	+ 0.03	2.00	0	17	11	3	16	ne.
Americus.	Sunter.	362	27	76.8	+ 0.3	102	2†	58	20	33	4.21	+ 0.97	0.80	0	12	.....	.....	.....	e.
Athens.	Clarke.	694	30	76.4	+ 1.4	99	1†	54	20	31	4.14	+ 0.63	2.66	0	9	13	3	14	.....
Atlanta.	Fulton.	1,218	47	75.3	+ 3.2	93	1	58	30	21	3.52	+ 0.11	1.27	0	13	10	5	15	ne.
Augusta.	Richmond.	180	66	79.2	+ 3.3	98	2	60	30	26	4.37	+ 0.90	1.38	0	16	8	10	12	e.
Bainbridge.	Decatur.	119	20	79.1	+ 1.7	100	3†	68	19†	28	6.28	+ 2.37	2.00	0	15	.....	.....	.....	.....
Barnesville.	Pike.	875	3	.....	.....	.....	.....	.....	.....	4.20	.....	1.95	0	7	.....	.....	.....	.....
Butler.	Taylor.	650	11	.....	.....	.....	.....	.....	.....	7.21	+ 3.89	4.09	0	9	.....	.....	.....	.....
Carters.	Warren.	613	20	76.6	+ 2.2	101	1†	57	20	29	6.11	+ 1.89	1.67	0	10	6	10	7	e.
Carroll.	Madison.	894	21	.....	.....	.....	.....	.....	.....	3.25	+ 0.91	1.40	0	8	.....	.....	.....	.....
Cherokee.	Madison.	557	13	.....	.....	.....	.....	.....	.....	2.92	+ 0.65	1.40	0	8	.....	.....	.....	.....
Clayton.	Rabun.	2,100	18	71.3	+ 2.8	91	1†	48	20	29	9.12	+ 4.11	2.00	0	13	14	3	13	e.
Columbus.	Muscogee.	262	24	79.4	+ 2.4	99	1†	61	20	29	3.53	+ 0.25	0.83	0	15	10	4	16	ne.
Concord.	Pike.	850	55	75.6	.....	96	3	57	20	28	5.96	.....	1.95	0	11	.....	.....	.....	.....
Covington.	Newton.	800	20	.....	.....	.....	.....	.....	.....	5.05	+ 2.37	2.80	0	7	4	13	13	e.	
Dahlonega.	Lumpkin.	1,519	20	72.8	+ 2.9	92	3	47	20	34	4.85	+ 0.35	2.53	0	14	7	18	5	se.
Diamond.	Gilmer.	2,020	20	72.6 ^d	+ 4.0	91	1†	46	20	35	3.60	+ 1.14	1.49	0	14	12	9	10	nw.
Dublin.	Laurens.	452	18	79.1	.....	102	1†	59	20	34	6.09	+ 3.28	1.44	0	16	11	9	10	nw.
Eastman.	Dodge.	361	20	79.4	+ 2.5	101	3	64	20	26	7.87	+ 4.36	1.84	0	19	.....	.....	.....</

TABLE 1.—*Climatological data for September, 1912. District No. 2—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	
<i>Georgia—Continued.</i>																			
Norcross.	Gwinnett.	1,078	2	76.2	+ 3.7	98	1†	51	20	33	2.64	- 0.37	1.44	0	10	13	5	12	W. O. Medlock.
Point Peter.	Oglethorpe.	600	23	76.2	+ 2.7	100	2†	65	30	31	3.31	+ 2.30	1.55	0	5	15	7	8	C. M. Wicher.
Poulson.	Worth.	365	21	79.2	+ 2.7	100	2†	65	30	31	5.71	+ 2.30	1.60	0	13	9	14	7	C. T. Merritt.
Putnam.	Marion.	12	77.1	+ 0.7	103	3†	57	20	32	7.22	+ 3.39	1.81	0	10	5	14	11	Mrs. J. M. Collum.	
Quitman.	Brooks.	173	26	78.8	+ 1.2	100	3	68	30	26	8.56	+ 4.13	1.81	0	12	9	11	8	A. B. Jones.
Ramhurst.	Murray.	19	73.6	+ 1.0	90	1†	49	20	25	3.60	+ 0.38	0.93	0	9	11	11	8	D. E. Humphreys.	
Resaca.	Gordon.	657	18	76.4	+ 3.3	98	4	52	20	32	4.14	+ 1.61	1.10	0	11	11	5	14	D. A. Norton.
Rome.	Floyd.	576	53	76.4	+ 3.3	98	4	52	20	32	4.14	+ 1.61	1.10	0	11	11	5	14	W. M. Towers.
St. George.	Charlton.	5	79.4	+ 0.4	99	1†	68	20	27	9.20	+ 1.87	1.84	0	18	13	5	12	A. N. Lund.	
St. Marys.	Camden.	20	81.2	+ 2.7	100	2	70	18†	24	7.10	+ 1.08	1.84	0	13	5	12	David C. Sterling.		
Savannah.	Chatham.	65	61	79.0	+ 2.6	100	2	64	30	22	8.66	+ 3.25	2.86	0	18	3	10	17	U. S. Weather Bureau.
Statesboro.	Bulloch.	253	12	79.2	+ 2.3	103	2	65	20	27	12.47	+ 9.35	3.16	0	18	5	13	12	W. C. Cromwell.
Talbotton.	Talbot.	750	18	78.6	+ 3.7	103	4	63	29†	33	4.26	+ 1.18	1.10	0	12	15	4	11	Dr. E. L. Bardwell.
Tallapoosa.	Haralson.	1,150	13	73.1	+ 0.4	97	4	50	20	35	3.27	+ 0.29	2.00	0	5	13	2	15	Frederick Ellison.
Thomasville.	Thomas.	273	30	78.8	+ 1.2	99	3	68	30	26	10.42	+ 5.49	4.48	0	18	8	6	16	U. S. Weather Bureau.
Toccoa.	Stephens.	1,050	26	73.6	+ 2.4	97	2	50	20	30	5.71	+ 1.27	3.00	0	12	16	4	10	Mrs. Alice Starke.
Valdosta.	Lownes.	220	7	79.4	+ 0.2	100	2	67	30	30	7.70	+ 2.10	4.71	0	10	4	16	w.	
Valona.	McIntosh.	10	81.2	+ 4.2	100	2	69	19†	24	12.95	+ 7.65	4.71	0	11	12	5	13	George E. Atwood.	
Washington.	Wilkes.	630	21	77.6	+ 3.5	100	1†	59	20	29	7.91	+ 4.32	2.10	0	12	3	15	Miss Ella B. Smith.	
Waycross.	Ware.	131	23	80.4	+ 3.1	102	2	68	30	28	5.22	+ 0.92	1.80	0	16	12	3	15	Thomas Sasser.
Waynesboro.	Burke.	86	20	76.6	+ 2.6	102	1	54	20	35	6.54	+ 3.48	1.30	0	13	12	5	13	Mrs. H. W. Blount.
West Point.	Troup.	620	22	76.8	+ 1.5	99	4	58	20	29	2.84	+ 0.20	0.96	0	12	3	15	E. N. Dunn.	
Woodbury.	Meriwether.	641	9							3.57		1.29	0	10	10	7	13	E. T. Riggins.	
<i>Florida.</i>																			
Apalachicola.	Franklin.	24	8	79.6		96	2	70	30	20	15.06		3.80	0	16	7	22	1	G. H. Whiteside.
Arcadia.	De Soto.	61	11	81.6	+ 1.0	96	3†	70	3	26	6.95	+ 0.12	1.51	0	22	8	18	4	C. S. Bushnell.
Archer.	Alachua.	92	27	79.0	- 0.1	97	3	71	6†	22	12.77	+ 6.60	2.00	0	21				R. B. Hodgson.
Avon Park.	De Soto.	150	13	81.0	+ 0.9	95	3	69	10†	24	7.93	+ 1.92	1.47	0	21	7	18	5	se.
Bartow.	Polk.	115	24	80.1	+ 0.3	97	3	68	18†	27	8.09	- 0.28	1.59	0	18	10	4	16	William Hood.
Bradenton.	Manatee.	10	28	79.6	- 0.4	92	4	69	10	20	16.65	+ 9.21	3.85	0	12	5	22	3	H. H. Ten Broeck.
Brooksville.	Hernando.	126	19	80.2	+ 0.8	99	4	69	6†	28	15.53	+ 8.72	2.50	0	15	13	8	9	C. C. Peck.
Carrabelle.	Franklin.	10	13	80.3	+ 2.7	101	3	67	27	26	11.10	+ 4.42	2.65	0	14				J. J. Blomquist.
Cedar Key.	Levy.	10	23	80.6	+ 1.2	93	1†	71	5†	19	28.14	+ 22.97	8.95	0	13	10	15	5	w.
Clermont.	Lake.	105	19	82.4	+ 1.9	102	1†	70	9†	29	7.60	+ 0.64	1.32	0	8	9	17	4	J. B. Luther.
Crescent City.	Putnam.	14	82.2	+ 3.1	103	3	70	20†	27	4.48	- 2.75	1.40	0	8	7	16	7	S. S. Fesler.	
De Funiaq Springs.	Walton.	193	14	79.3	+ 1.9	102	4	68	30	26	9.39	+ 3.38	1.85	0	18	3	23	4	J. B. Shiver.
De Land.	Volusia.	27	15	80.9	+ 2.4	99	3	67	18	28	4.44		1.46	0	15	3	23	4	R. W. Storrs.
Eustis.	Lake.	56	21	81.9	+ 2.3	102	3	69	30	29	8.44	+ 1.66	1.98	0	18	21	4	5	A. C. Haynes.
Federal Point.	Putnam.	5	20	81.8	+ 3.7	100	1†	65	20	27	7.66	- 0.69	2.28	0	18	11	14	5	E. S. Hubbard.
Fenholway.	Taylor.	75	5	79.6		101	3†	69	13	27	14.04		4.10	0	12	1	22	7	J. Wigglesworth.
Fernandina.	Nassau.	10	19	80.2	+ 2.2	97	2	72	27	27	10.60	+ 1.54	5.76	0	19	11	8	11	W. B. C. Duryee.
Fort Meade.	Polk.	125	23	81.2	+ 1.7	102	3	68	2†	33	10.41	+ 1.72	2.21	0	17	13	13	4	G. L. Brodrick.
Fort Myers.	Lee.	12	40	80.4	+ 1.5	93	3	70	18†	19	9.06	+ 1.28	1.54	0	13	17	12	1	Miss N. M. Gardner.
Fort Pierce.	St. Lucie.	6	11	81.0	+ 1.4	94	3	71	10†	20	3.05	- 3.47	1.90	0	7	10	13	7	T. C. Nichoison.
Gainesville.	Alachua.	176	18	79.7	+ 1.1	97	2†	69	20†	25	8.72	+ 3.19	1.67	0	18	9	6	15	John Schnabel.
Grasmere.	Orange.	175	14	80.2	+ 1.0	98	3†	68	19†	20	10.84		2.18	0	17	17	9	4	J. B. Escott.
Hilliard.	Nassau.	69	3	80.4		100	2	67	27	28	11.86		2.95	0	13	11	9	4	B. A. Tibbets.
Hypoluxo.	Palm Beach.	9	18	81.9	+ 1.3	93	1†	69	23	22	4.36	- 5.02	0.66	0	13	17	11	2	G. A. Angevine.
Inverness.	Citrus.	43	12	79.6	+ 0.8	95	3	69	1†	24	11.12	+ 5.46	2.68	0	21	0	12	18	se.
Jacksonville.	Duval.	101	41	81.0	+ 3.7	99	3	69	5†	21	7.69	- 0.34	3.55	0	12	9	9	12	W. H. Miller.
Johnstown.	Bradford.	125	12	81.2	+ 2.6	100	1†	67	30	28	7.03	+ 1.51	1.71	0	14				John Schnabel.
Key West.	Monroe.	14	41	83.0	+ 0.5	91	4	72	21	14	4.35	- 2.44	2.79	0	12	1	19	10	e.
Kissimmee.	Osceola.	65	19	81.4	+ 1.2	97	1	70	20	24	7.59	+ 0.28	1.20	0	16	2	20	8	ne.
Lake City.	Columbia.	210	27	79.7	+ 1.4	98	3	68	21	24	11.03	+ 5.86	2.95	0	19	6	8	16	J. A. Simpson.
Lucern Park.	Polk.	210	82.4			97	4	72	10	21	7.97		1.94	0	18	9	18	3	sw.
Macclellan.	Baker.	125	15	80.1	+ 1.5	99	3	68	30	28	6.67	+ 1.85	1.03	0	17	4	15	11	Griffing Bros. Co.
Madison.	Madison.	200	12	79.6	+ 0.8	100	3†	69	28	28	10.67	+ 5.11	2.12	0	16	13	1	16	E. J. Vann.
Malabar.	Brevard.	24	18	80.8	+ 0.6	95	2	69	18†	23	5.56	+ 2.80	2.58	0	9				J. F. Farley.
Marianna.	Jackson.	80	9	78.6	+ 0.4	99	4	67	26	27	13.22	+ 7.43	2.90	0	19	11	4	15	F. Ulrich.
Merritts Island.	Brevard.	20	29	80.9	+ 0.7	95	3	70	19†	18	5.54	- 2.23	2.61	0	14	0	27	3	se.
Miami.	Dade.	47	10	82.4	+ 0.9	90	11	70	7	18	2.08	- 7.53	0.50	0	13	5	12	13	U. S. Weather Bureau.
Middleburg.	Clay.	10	11	80.0	+ 2.2	101	3	69	4†	29	9.11	+ 1.31	1.97	0	15				G. A. Chalker.
Molino.	Escambia.	49	10	79.1	+ 1.3	100	3†	64	24	30	8.67	+ 2.55	5.80	0	10	13	7	10	W. H. Trimmer.
Monticello.	Jefferson.	207	8	79.0		100	4	65	25	25	14.45		4.50	0	10				G. B. Miller.
Mount Pleasant.	Gadsden.	260	6	77.2		99	4	64	24	30	9.61	- 2.85	1.48	0	13	11	7	12	Miss Addie Grubb.
New Smyrna.	Palm Beach.	9	27	80.6	+ 2.1	95	3	68	18†	23									

TABLE 1.—Climatological data for September, 1912. District No. 2—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<i>Alabama—Continued.</i>																					
Calera.	Shelby.	500	11	80.2	+ 4.6	101	4	60	30	30	7.02	+ 3.67	3.20	0	7	0	22	8	w.	L. G. Privett.	
Camp Hill.	Tallapoosa.	738	11	80.2	+ 1.7	99	5	63	30	24	2.14	- 2.09	0.69	0	7	0	22	8	ne.	Dr. Lyman Ward.	
Citronelle.	Mobile.	331	24	79.2	+ 1.7	98	4	56	20	32	4.78	+ 0.15	1.74	0	12	12	9	9	ne.	Rev. W. H. Rowe.	
Clanton.	Chilton.	590	19	76.7	+ 1.7	98	4	56	20	32	4.31	+ 1.98	2.10	0	11	0	4	4	ne.	Joseph B. Downs.	
Cochrane.	Pickens.	100	2	76.5	+ 3.0	96	4	53	21	28	2.44	- 0.25	0.90	0	4	0	4	4	ne.	T. H. G. Cook.	
Cordova.	Walker.	334	21	76.5	+ 3.0	96	4	53	21	28	4.25	+ 1.33	3.10	0	3	22	1	7	sw.	Scott Maxwell.	
Cullman.	Cullman.	802	4	74.1	95	2†	50	21	34	4.09	- 0.76	1.60	0	6	7	19	6	5	sw.	Eugene A. Grayot.
Dadeville.	Tallapoosa.	760	7	76.6	96	4	59	21	34	4.09	- 0.75	0.75	0	7	0	19	6	5	sw.	Dr. W. B. Fulton.
Daphne.	Baldwin.	21	79.2	+ 1.5	98	3†	64	24	25	5.41	- 0.76	2.25	0	11	11	8	11	ne.	John H. Young.		
Demopolis.	Marengo.	20	3.60	+ 0.63	1.96	0	8	0	17	0	0	ne.	George E. Pagram.
Dothan.	Houston.	78.0	.....	96	5	68	19†	23	6.28	.....	.....	1.38	0	17	0	17	0	0	ne.	L. G. Biggers.
Enfield.	Barbour.	200	28	75.3	- 0.7	94	4	59	20	24	5.00	+ 1.78	1.08	0	15	0	15	0	0	ne.	Dr. J. B. Whitlock.
Flointon.	Escambia.	91	20	75.6	+ 2.1	97	1†	64	24	27	4.79	+ 1.33	2.00	0	9	6	5	19	n.	T. J. Farris.	
Fort Deposit.	Lowndes.	520	28	77.4	+ 1.4	97	1	62	20	26	5.40	+ 2.88	1.00	0	7	0	17	0	0	ne.	J. F. Hattemer.
Gadsden.	Etowah.	621	28	77.4	+ 3.4	97	4	53	20	31	5.29	- 0.82	0.74	0	7	0	8	0	0	ne.	D. P. Goodhue.
Goodwater.	Coosa.	826	17	76.0	+ 0.1	96	1†	54	20	34	3.30	+ 0.72	1.50	0	7	0	7	0	0	ne.	Miss Daisy Buice.
Greensboro.	Hale.	220	33	77.8	+ 2.5	96	4	59	27	23	3.94	+ 1.02	3.07	0	7	0	7	0	0	ne.	W. E. W. Verby.
Greenville.	Butler.	444	11	76.9	96	4	59	27	23	4.85	+ 1.44	1.72	0	8	0	8	0	0	ne.	E. M. Lewis.
Hamilton.	Marion.	16	76.8	+ 1.3	98	4	50	30	37	4.22	+ 1.61	1.20	0	6	0	6	0	0	ne.	Prof. H. O. Sargent.	
Heating Springs.	Washington.	362	3.48	- 0.74	1.48	0	8	0	8	0	0	ne.	James E. Lipscomb.
Highland Home.	Crenshaw.	20	77.8	+ 1.5	95	2†	65	20†	22	4.22	+ 1.85	0.87	0	15	9	9	12	e.	Prof. Samuel Jordan.		
Livingston.	Sumter.	160	28	77.0	+ 1.2	95	4	57	27	25	2.55	+ 0.16	1.21	0	6	0	6	0	0	ne.	Robert L. King.
Lock No. 4.	Talladega.	510	15	77.0	+ 2.7	96	1	56	20	31	4.65	+ 1.87	1.90	0	7	21	3	6	w.	U. S. Engineers.	
Mentone.	Dekalb.	1,595	5	2.35	1.30	0	3	0	0	0	0	ne.	E. Mason.
Milstone.	Macon.	9	5.10	2.00	0	15	0	0	0	0	ne.	W. U. Wall.
Mobile.	Mobile.	84	40	79.2	+ 2.7	97	5	67	24	20	5.76	+ 0.74	2.25	0	13	9	10	11	n.	U. S. Weather Bureau.	
Montgomery.	Montgomery.	240	40	77.8	+ 2.0	98	4	61	20	25	6.31	+ 3.43	1.66	0	15	11	9	10	ne.	Do.	
Newbern.	Hale.	20	78.8	+ 1.9	101	1†	59	27	30	10.78	+ 8.23	9.00	0	9	6	15	9	9	se.	Dr. J. Huggins.	
Oneonta.	Blount.	857	18	74.6	+ 1.9	93	1†	53	20†	31	3.59	+ 0.47	1.70	0	11	11	1	18	n.	Aquila J. Ketchum.	
Opelika.	Lee.	917	33	75.6	+ 1.0	93	1	61	20	25	3.63	+ 0.95	0.79	0	11	0	11	0	0	ne.	A. H. Read, jr.
Ozark.	Dale.	400	10	80.1	97	4	66	30	23	6.45	1.70	0	10	0	10	0	0	ne.	James A. Scott.
Prattville.	Autauga.	251	12	76.9	+ 1.2	96	4	57	20	28	5.55	1.58	0	12	10	13	7	0	ne.	Joseph B. Bell.
Pushmataha.	Choctaw.	21	77.4	+ 1.5	95	5	60	20†	26	4.15	+ 1.21	1.65	0	9	0	0	0	0	ne.	W. N. Horn.	
Robertsdale.	Baldwin.	148	12.38	2.81	0	21	0	0	0	0	ne.	Carl Boseck.
Selma.	Dallas.	147	32	79.2	+ 2.7	101	4	60	20	29	3.76	+ 1.62	2.00	0	8	0	8	0	0	ne.	Charles F. Brisbin.
Spring Hill.	Mobile.	312	8	78.9	99	2†	66	24†	27	4.68	1.48	0	14	0	14	0	0	ne.	Spring Hill College.
Talladega.	Talladega.	554	22	76.4	+ 1.9	94	4	57	20	27	3.68	+ 1.00	1.17	0	7	10	15	5	n.	W. E. Henkel.	
Tallassee.	Elmore.	21	5.54	+ 3.17	2.48	0	15	0	15	0	0	ne.	P. A. Noble.
Thomasville.	Clarke.	385	21	76.7	+ 0.6	96	4†	54	30	24	4.80	+ 2.03	2.00	0	6	0	6	0	0	ne.	Miss H. T. Forster.
Troy.	Pike.	581	4	73.2	.....	98	4	65	20†	24	10.31	.....	2.58	0	20	4	20	6	n.	F. L. Zimmerman.
Tuscaloosa.	Tuscaloosa.	230	.....	76.0	+ 2.5	99	1†	56	27	29	2.85	+ 0.07	1.25	0	8	2	17	11	ne.	W. S. Wyman.
Tuskegee.	Macon.	12	78.8	+ 0.8	101	4	60	19	30	5.94	+ 3.94	1.40	0	11	2	17	11	0	ne.	Prof. George W. Carver.	
Union Springs.	Bullock.	216	25	77.6	+ 1.8	97	4	61	20	23	5.04	+ 1.81	1.81	0	10	0	10	0	0	ne.	P. L. Cowan.
Uniontown.	Perry.	273	26	80.0	+ 3.5	100	4	59	27	31	3.51	+ 0.84	2.27	0	5	13	8	9	e.	L. H. Moore.	
Valley Head.	Dekalb.	1,031	27	75.6	+ 4.2	99	4	48	20	34	3.22	+ 0.07	1.64	0	8	3	16	8	6	ne.	M. T. Floyd, M. D.
Wetumpka.	Elmore.	205	20	79.8	+ 2.5	103	4	59	20	31	4.95	+ 2.54	1.65	0	6	0	6	0	0	ne.	U. S. Engineers.
<i>Mississippi.</i>																					
Aberdeen.	Monroe.	210	24	76.2	+ 2.8	98	8†	51	30	34	4.69	+ 1.93	1.83	0	7	20	4	6	n.	L. D. Godfrey.	
Bay St. Louis.	Hancock.	28	19	81.4	+ 2.5	97	9	68	24	23	2.34	- 3.00	0.71	0	15	14	11	5	se.	Brother Stanislaus.	
Biloxi.	Harrison.	24	21	81.4	+ 3.1	101	4	69	24†	24	1.80	- 4.77	0.57	0	13	13	7	10	se.	Miss M. Josie Pope.	
Booneville.	Prentiss.	504	18	74.2	+ 0.3	93	4†	46	30	28	4.31	+ 1.78	2.20	0	4	18	10	2	n.	Dr. D. T. Price.	
Brookhaven.	Lincoln.	500	24	79.6	+ 3.2	100	5†	59	20	35	0.48	- 3.13	0.33	0	6	20	4	6	e.	W. J. Bee.	
Columbia.	Marion.	110	8	79.0	.....	98	5	56	30	33	5.10	.....	1.55	0	11	18	3	9	nw.	N. R. Drummond.
Columbus.	Lowndes.	191	24	77.2	+ 1.3	100	4	52	27	33	4.00	+ 0.83	1.48	0	9	17	3	10	ne.	J. B. Love.	
Crystal Springs.	Copiah.	468	20	78.0	+ 1.7	96	3†	52	29†	33	0.49	- 2.54	0.18	0	5	19	11	0	ne.	D. H. Miller.	
Edinburg.	Leake.	4	76.5	.....	96	4	53	27	32	3.98	.....	1.40	0	6	6	6	7	n.	J. Y. Blocker.	
Enterprise.	Clarke.	248	7	79.0	+ 2.3	99	9	59	30	32	0.85	- 1.78	0.39	0	6	18	3	9	ne.	J. B. Thompson.	
Hazlehurst.	Copiah.	460	22	79.0	+ 2.3	99	9	59	30	32	4.42	.....	1.39	0	5	17	2	11	n.	J. D. Granberry.
Hickory.	Newton.	326	2	79.0	.....	98	4	55	27	28	1.67	- 1.05	0.82	0	5	19	2	9	ne.	T. N. McMullen.
Jackson.	Hinds.	280	25	79.2	+ 3.1	98	5	56	30	33	1.54	- 1.36	0.84	0	8	15	5	10	n.	A. S. Nall.	
Lake.	Scott.	446	24	75.8	+ 1.5	95	4†	55	27	28	1.67	- 1.05	0.82	0	5	19	2	9	ne.	Mrs. Eddie McNeil.	
Laurel.	Jones.	241	8	79.0	.....	101	5	62	24†	31	1.63	.....	2.40	0	10	17	5	8	ne.	Thomas W. Flynt.
Leakesville.	Greene.	18	80.0	+ 2.1	100	5	62	24	31	4.05	- 0.74	2.25	0	5	0	5	0	0	ne.	B. T. Webster.	
Louisville.	Winston.	561	23	77.0	+ 2.0																

TABLE 2.—*Daily precipitation for September, 1912. District No. 2, South Atlantic and east Gulf States.*

TABLE 2.—*Daily precipitation for September, 1912. District No. 2—Continued.*

TABLE 2.—*Daily precipitation for September, 1912. District No. 2—Continued.*

TABLE 2.—*Daily precipitation for September, 1912. District No. 2—Continued.*

Stations.	Watershed.	Day of month.																													Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Alabama—Contd.																																	
Gadsden ||	Coosa		.22																														2.59
Goodwater ||	do																															3.30	
Greensboro ||	Black Warrior																															3.94	
Greenville ||	Escambia		.41																													4.85	
Hamilton	Tombigbee																															4.22	
Healing Springs ||	do																															3.48	
Highland Home	Escambia		.40	.12																												4.22	
Livingston ||	Tombigbee																															2.55	
Lock No. 4	Coosa		.15																													.26	
Mentone ||	do				T.																											4.65	
Milstead ||	Tallapoosa		.05																													2.35	
Mobile	Coast		T.	.19																												5.76	
Montgomery	Alabama		.69	.68																											6.31		
Newbern	Black Warrior		.03																													10.78	
Oneonta	do																															3.59	
Opelika ||	Tallapoosa		T.	.35																												3.63	
Ozark ||	Coast		T.																													6.45	
Prattville	Alabama		T.	.95																												5.58	
Pushmataha	Tombigbee		Coast																													4.15	
Robertsdale			.06	.06	.06	.04																									12.38		
Selma ||	Alabama																															3.76	
Springhill ||	Coast																															4.68	
Talladega	Coosa																															3.66	
Tallassee ||	Tallapoosa																															5.54	
Thomasville ||	Tombigbee																															4.80	
Troy	Escambia		T.	.03	.01																											10.31	
Tuscaloosa ||	Black Warrior																															2.85	
Tuskegee	Tallapoosa		T.	.52	T.																											5.94	
Union Springs ||	do																															5.04	
Uniontown	Black Warrior																															3.51	
Valley Head	Coosa																															3.22	
Wetumpka ||	do																															4.95	
Mississippi.																																	
Aberdeen ||	Tombigbee																															4.60	
Bay St. Louis	Coast		.12	.15	.03																										2.34		
Biloxi	do																															1.80	
Booneville	Tombigbee																															4.31	
Brookhaven ||	Pearl																															0.48	
Columbia ||	do																															5.10	
Columbus ||	Tombigbee																															4.00	
Crystal Springs ||	Pearl																															0.49	
Edinburg	do																															3.98	
Enterprise ||	Chickasawhay																															4.81	
Hazlehurst ||	Pearl																															0.85	
Hickory ||	Chickasawhay																															4.42	
Jackson	Pearl																															1.54	
Lake ||	do																															1.67	
Laurel	Leaf																															6.13	
Leakesville ||	Chickasawhay																															4.05	
Louisville.	Pearl																															4.72	
McNeill	do																															2.88	
Macon ||	Tombigbee																															2.98	
Magnolia	Pearl																															2.55	
Meridian	do																															2.52	
Merrill ||	Chickasawhay																															3.51	
Okolona	Pascagoula																															3.13	
Pascagoula	Tombigbee																															4.08	
Pearlington	Pearl																															4.24	
Shubuta ||	Chickasawhay																															4.95	
Tupelo	Tombigbee																															4.08	
Waynesboro ||	Chickasawhay																															4.08	
Woodland	Tombigbee																															4.30	

* Precipitation included in that of the next measurement.

† Separate dates of falls not recorded.

|| Precipitation for the 24 hours ending on the morning when it is measured.

T. Precipitation is less than 0.01 inch rain or melted snow.

MONTHLY WEATHER REVIEW.

SEPTEMBER, 1912

TABLE 3.—Maximum and minimum temperatures at selected stations, September, 1912. District No. 2, South Atlantic and east Gulf States.

Date.	Virginia.								North Carolina.												Charleston, S.C.							
	Hot Springs.		Lynchburg.		Norfolk.		Richmond.		Charlotte.		Edenton.		Fayette- ville.		Hatteras.		Newbern.		Raleigh.		Reidsville.		Salisbury.		Wilming- ton.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
1.....	85	54	96	75	90	71	96	72	96	72	98	73	100	74	87	75	95	65	99	74	101	72	99	70	96	77	100 79	
2.....	85	52	95	74	87	71	94	76	96	73	97	72	100	74	91	75	92	68	99	75	104	69	101	70	96	76	100 79	
3.....	86	50	96	69	80	70	89	69	95	72	90	69	98	72	80	74	92	68	95	73	101	71	100	72	91	76	95 80	
4.....	75	52	81	70	76	71	78	69	84	72	82	69	86	71	84	73	82	67	81	71	87	68	90	71	83	72	86 75	
5.....	80	52	86	70	85	73	89	72	84	70	87	72	87	71	86	75	84	67	84	72	89	71	94	71	85	73	84 72	
6.....	80	49	95	69	91	74	95	71	90	71	94	72	90	72	87	76	92	67	91	72	96	71	94	72	86	74	81 72	
7.....	84	50	93	69	90	74	94	73	92	71	95	72	90	72	88	77	91	66	92	71	97	67	94	71	81	73	83 76	
8.....	84	44	88	64	86	74	92	68	88	67	93	71	91	71	84	74	89	67	89	69	92	65	95	65	85	72	82 76	
9.....	85	45	90	63	88	72	93	62	88	68	89	67	91	67	85	74	85	66	89	67	92	66	93	66	79	71	80 75	
10....	84	41	92	61	90	70	94	62	85	68	90	63	89	69	85	74	88	66	88	66	93	63	90	60	83	71	80 72	
11....	84	41	94	61	88	70	95	65	82	68	90	68	77	71	84	74	83	67	85	71	92	69	91	62	76	74	83 73	
12....	80	46	78	69	74	66	78	62	90	66	80	68	88	68	83	74	85	65	79	69	86	68	92	63	87	69	83 76	
13....	74	60	69	62	79	64	81	58	78	66	80	57	87	67	81	72	87	63	82	67	75	61	80	66	82	68	83 77	
14....	79	49	84	62	86	70	88	66	87	64	92	66	90	68	84	76	91	64	88	67	89	60	89	67	86	71	84 78	
15....	81	51	89	69	88	72	90	72	87	73	92	69	93	71	83	75	89	68	90	73	93	70	90	64	87	75	88 78	
16....	74	51	87	70	84	70	88	67	88	71	89	60	94	73	87	75	92	69	90	73	92	69	94	68	90	75	92 76	
17....	71	41	83	65	80	69	82	63	89	68	84	65	89	71	80	74	85	65	83	70	88	68	92	69	81	73	87 77	
18....	72	51	78	65	86	68	82	67	89	72	90	66	93	71	83	75	92	66	90	69	91	71	93	73	87	74	88 78	
19....	69	44	76	62	82	69	71	62	83	65	89	69	88	72	85	74	91	69	77	69	82	67	85	68	82	68	87 68	
20....	72	31	77	52	75	60	78	59	81	59	83	67	86	64	79	71	82	60	84	62	84	54	85	51	80	66	86 70	
21....	72	33	79	51	78	61	82	56	83	58	82	54	87	61	80	70	85	59	80	60	84	54	80	59	80	66	81 72	
22....	72	44	78	57	76	65	78	61	79	63	85	64	86	64	79	72	82	60	80	61	83	56	80	70	81	65	81 72	
23....	64	46	67	61	76	65	70	62	72	66	72	64	74	68	80	74	74	64	71	65	74	63	80	69	81	68	83 74	
24....	70	46	73	63	76	69	78	66	81	69	84	67	84	70	80	72	89	64	80	70	79	67	92	65	85	72	87 76	
25....	75	40	83	61	75	67	74	62	88	66	84	70	89	68	83	71	86	66	86	65	87	62	90	65	86	68	88 73	
Mns..	75.1	44.3	81.5	62.7	80.7	67.8	82.4	63.6	83.8	66.3	85.4	65.7	86.7	68.0	81.9	72.8	85.1	64.2	83.6	67.1	86.3	64.0	88.0	65.1	83.0	69.8	84.6 73.8	
Date.	South Carolina.												Georgia.												Savannah.			
	Columbia.		Conway.		Ferguson.		George- town.		Green- ville.		Newberry.		Society Hill.		Albany.		Atlanta.		Augusta.		Dahlo- nega.		Macon.		Rome.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
1.....	99	78	101	75	102	74	98	74	100	67	102	75	95	74	98	74	93	74	97	75	91	69	96	73	95	68	97 77	
2.....	99	75	101	71	100	74	98	75	97	67	102	70	92	73	98	72	92	74	98	75	90	67	97	72	96	69	100 78	
3.....	97	74	98	71	99	75	93	75	98	68	98	74	92	72	94	74	98	76	92	72	97	74	95	68	97	78		
4.....	87	76	94	73	89	76	94	75	89	67	89	73	85	72	100	75	93	74	91	74	97	73	98	69	89	75		
5.....	88	71	88	.....	84	73	85	74	87	67	90	69	86	71	92	74	88	72	85	72	93	69	88	72	86	72	
6.....	85	73	86	74	84	71	86	72	92	68	84	74	86	71	92	73	88	71	92	69	83	74	86	70	82	70		
7.....	89	72	83	71	86	71	88	74	93	67	89	71	86	71	85	73	88	70	90	72	88	72	86	73	84	70		
8.....	88	69	87	71	85	70	86	70	92	65	90	68	84	68	88	72	90	69	87	72	86	63	86	70	82	73		
9.....	87	70	84	70	86	69	86	74	91	66	89	70	86	69	86	73	87	69	88	72	84	68	84	71	86	81		
10....	85	71	83	71	84	74	85	72	86	67	87	70	84	70	83	73	78	69	81	70	80	69	81	72	87	69		
11....	83	70	84	70	86	70	82	74	88	68	84	71	78	69	77	73	78	69	86	70	81	68	79	72	90	73		
12....	88	70	92	69	88	72	89	69	90	63	89	68	85	73	85	68	88	70	86	72	84	64	86	71	94	68		
13....	87	72	89	70	88	70	91	74	85	64	89	70	83	71	86	72	84	70	88	72	87	68	88	73	93	66		
14....	89	72	90	70	89	72	91	74	83	64	83	69	85	72	88	72	83	70	86	75	80	67	88	73	90	72		
15....	91	73	92	73	90	72	89	74	94	64	91	73	88	71	92	72	91	69	90	76	81	72	87	71	92	77		
16....	93	73	95	72	92	68	91	75	97	63	93	71	89	69	95	71	88	70	91	74	97	67	91	72	92	71	93 74	
17....	92	72	95	72	95	74	98	75	97	64	94	69	87	72	96	71	91	71	97	64	92	70	91	65	93	76		

TABLE 3.—*Maximum and minimum temperatures at selected stations, September, 1912: District No. 2—Continued.*

Date.	Georgia.						Florida.																Tallahassee. §§		Tampa.			
	Thomasville.		Way-cross. §§		West Point. §§		Avon Park.		Fort Myers.		Gainesville. §§		Jacksonville.		Key West.		Miami.		Ocala.		Orlando.		Pensacola.		Tallahassee. §§		Tampa.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1.....	97	74	100	72	95	71	92	72	91	74	95	70	98	77	90	80	89	74	94	74	88	77	91	75	95	76		
2.....	98	74	102	74	96	71	94	72	92	74	97	72	98	78	88	79	89	76	97	71	95	74	93	74	96	76		
3.....	99	74	101	74	96	71	95	78	93	74	97	79	99	78	90	80	90	75	97	72	97	75	92	70	94	76		
4.....	98	72	100	73	99	70	94	76	92	74	96	71	96	76	91	77	90	75	93	79	95	75	97	79	93	76		
5.....	91	72	92	74	90	70	91	76	92	74	90	74	88	69	89	77	90	75	92	74	87	75	96	75	90	75		
6.....	89	71	88	73	89	71	91	73	85	72	89	70	86	71	88	81	89	75	91	70	91	72	88	74	86	70		
7.....	87	73	88	72	90	70	90	73	85	72	86	71	86	73	86	76	87	70	85	71	89	73	82	72	87	73		
8.....	85	73	88	70	90	68	86	72	82	71	83	73	84	73	83	77	88	77	82	72	86	73	82	72	80	71		
9.....	83	72	82	72	87	69	83	70	85	71	78	71	82	73	88	77	88	80	75	72	89	73	82	71	80	71		
10.....	77	73	86	73	83	72	85	69	85	74	80	72	83	75	89	82	90	80	75	72	81	75	90	74	78	70		
11.....	77	73	83	73	78	71	90	72	89	74	77	71	84	73	88	79	90	76	76	74	89	73	86	74	77	75		
12.....	83	73	88	73	86	71	83	70	83	75	79	72	87	76	87	80	90	74	76	73	85	74	78	72	79	71		
13.....	88	73	92	73	87	70	91	72	87	75	90	76	89	76	88	81	90	80	83	72	80	74	82	73	88	74		
14.....	88	72	92	74	84	73	90	74	90	74	90	72	89	76	88	81	89	76	87	73	89	75	80	74	84	74		
15.....	92	73	94	72	85	70	89	73	87	71	92	71	91	76	87	76	87	74	92	72	90	73	86	71	91	74		
16.....	93	71	95	72	90	69	90	72	88	74	91	71	91	75	87	76	89	74	87	70	90	73	87	74	91	74		
17.....	94	72	97	71	91	68	94	74	89	72	92	71	93	77	88	78	89	80	95	70	90	77	86	75	87	72		
18.....	92	69	95	71	87	71	88	72	87	70	93	72	92	73	88	79	88	75	94	71	88	80	89	69	88	73		
19.....	81	69	88	69	83	69	90	70	85	70	88	71	89	72	86	72	87	71	92	71	89	70	81	68	88	73		
20.....	86	68	90	71	85	58	86	70	86	71	88	69	87	73	84	72	89	76	88	70	82	73	83	70	86	71		
21.....	81	70	87	70	83	62	85	71	84	70	83	69	82	73	86	72	88	72	83	70	84	71	83	69	84	72		
22.....	74	71	83	72	76	71	88	72	86	72	84	69	86	72	87	81	87	77	87	70	87	71	76	71	86	72		
23.....	82	71	80	72	76	66	88	74	87	76	83	71	84	74	87	81	89	78	85	72	88	75	80	70	88	76		
24.....	84	72	84	73	84	67	91	74	88	75	88	72	89	76	88	80	90	75	89	74	89	72	82	72	87	78		
25.....	89	69	91	70	89	66	90	72	88	75	90	70	90	74	88	80	90	73	91	71	90	73	82	72	90	75		
26.....	89	69	93	69	82	66	89	74	89	74	91	70	87	74	89	78	88	76	91	72	89	74	80	70	85	71		
27.....	91	69	92	70	80	65	90	74	89	74	90	70	86	72	87	79	88	80	84	71	88	74	84	70	91	74		
28.....	77	69	81	69	69	66	93	72	89	73	85	70	83	72	87	80	90	80	91	71	89	73	77	70	78	68		
29.....	75	68	75	69	69	64	93	69	88	75	89	70	85	70	88	79	90	77	86	73	89	73	80	72	77	71		
30.....	73	68	73	68	78	62	89	71	89	74	88	71	80	74	88	78	90	72	86	71	87	73	77	69	75	67		
Mns.....	86.4	71.2	89.3	71.6	85.2	68.3	89.7	72.4	87.7	73.1	88.1	71.3	88.1	73.9	87.8	78.3	88.9	75.8	87.2	71.9*	88.3	73.5	84.8	72.9	83.2	71.7		

Date.	Alabama.												Mississippi.											
	Anniston.		Bermuda.		Birming-ham.		Eufaula. §§		Mobile.		Montgomery.		Tuscaloosa. §§		Uniontown.		Columbus. §§		Jackson.		Laurel.		Meridian.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	94	69	95	71	92	74	91	69	91	75	95	75	99	73	94	75	98	73	96	72	96	70	93	73
2.....	93	69	95	72	92	73	92	70	94	74	95	76	99	72	97	74	96	72	98	70	99	68	94	71
3.....	94	68	96	71	93	71	93	71	96	76	96	76	99	71	98	75	97	70	96	70	99	68	94	71
4.....	96	68	97	71	94	71	94	70	97	77	98	75	99	71	100	74	97	71	99	69	94	71	94	72
5.....	92	70	95	72	92	74	90	71	96	77	92	71	97	72	95	73	98	72	97	71	101	70	94	72
6.....	92	72	92	71	91	72	88	68	93	75	91	70	97	73	94	74	99	73	96	72	97	71	92	73
7.....	92	67	89	68	92	72	83	70	91	74	90	69	96	72	92	72	98	71	96	71	97	71	92	71
8.....	92	67	89	69	92	72	85	69	89	74	90	71	96	72	93	72	98	71	97	72	97	69	92	70
9.....	91	68	91	68	92	73	86	68	92	74	90	71	94	71	93	71	97	71	97	72	98	69	92	71
10.....	84	74	87	68	83	71	82	68	89	75	84	74	88	72	93	71	95	71	96	70	98	69	97	72
11.....	87	73	86	72	87	71	79	69	87	73	84	72	93	71	92	72	94	70	94	70	97	68	98	71
12.....	90	70	88	72	91	70	83	69	86	75	88	73	96	70	92	71	94	69	93	70	96	66	92	71
13.....	89	72	84	72	89	71	84	69	84	75	86	72	93	71	92	70	96	67	93	66	92	71	98	71
14.....	83	70	83	71	78	71	80	70	82	72	77	70	78	73	90	72	76	68	88	74	85</td			